

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Vincent Piel

Confirmation No.:

Application No.:

Examiner:

Filing Date: Jan. 20, 2004

Group Art Unit:

Title: Component for a Computer

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e)(1) or (2), and  
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EV 269331458 US**

Date of Deposit **Jan. 20, 2004**

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By

Typed Name: **Julie Campbell**

Respectfully submitted,

**Vincent Piel**

By

**Scott A. Horstemeyer**

Attorney/Agent for Applicant(s)  
Reg. No. **34,183**

Date: **Jan. 20, 2004**

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

500110459-2

APPLICATION NO.

CONFIRMATION NO.

APPLICANT

Vincent Piel

FILING DATE

Jan. 20, 2004

GROUP

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	2002/0073322	06/13/02	Park, et al.	
	1B	6,125,457	09/26/00	Crisan, et al.	
	1C	6,185,688	02/06/01	Greaves, et al.	
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L	WO98/04967	02/05/98	Collins, et al.		X
	1M					
	1N					
	1O					
	1P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

EXAMINER

DATE CONSIDERED



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
X	US 6 125 457 A (CRISAN ADRIAN ET AL) 26 September 2000 (2000-09-26) * column 3, line 4 - line 6 * * column 4, line 19 - column 5, line 33 * ---	1-7, 10-14	G06F1/00
X	WO 98 04967 A (BOWYER MARK DAVID JAMES ;COLLINS PETER DAVID (GB); ROYER KARL WILL) 5 February 1998 (1998-02-05) * page 3, line 7 - line 24 * * page 12, line 3 - line 7 * * page 14, line 22 - page 16, line 23 * * page 17, line 3 - line 25 * * page 19, line 16 - page 20, line 10 * ---	1-5,8-14	
X	US 6 185 688 B1 (SCHADE FRED B ET AL) 6 February 2001 (2001-02-06) * column 1, line 43 - line 52 * * column 1, line 66 - line 67 * * column 2, line 12 - line 17 * * figures 1,2 * ---	1,13	
A	US 2002/073322 A1 (KIM JUNG-JOON ET AL) 13 June 2002 (2002-06-13) * page 1, paragraph 2 * -----		TECHNICAL FIELDS SEARCHED (Int.CI.7)  G06F H04L
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>12 June 2003</b>	Examiner <b>Arbutina, L</b>
<b>CATEGORY OF CITED DOCUMENTS</b>  X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document  T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons  & : member of the same patent family, corresponding document			

1  
EPO FORM 1503 03.02 (P04C01)

THOMAS, KAYDEN,  
HORSTEMEYER & RISLEY, L.L.P.

NOV 18 2003

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 29 0141

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

12-06-2003

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6125457	A	26-09-2000	NONE	
WO 9804967	A	05-02-1998	AU 1551097 A EP 0912919 A1 WO 9804967 A1	20-02-1998 06-05-1999 05-02-1998
US 6185688	B1	06-02-2001	AU 3008899 A WO 9948217 A2	11-10-1999 23-09-1999
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